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NRO REVIEW COMPLETED

25 June 1962
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MEMORANDUM FOR : Deputy Director (Research)

SUBJECT : Procurement of Single Sideband Capability

1. This memorandum contains a recommendation for your approval. Such recommendation is contained in paragraph 4.

2. There is an operational requirement to provide a single sideband capability at [] which will permit two-way communications between ground and the mission aircraft at any time during an operational sortie. Attached is a list of representative equipment with prices totaling [] which will fulfill this requirement. Twenty percent reduction of above costs will be available on government procurement; however, such savings will be employed to meet installation costs and services of one engineer for a period of approximately one week.

3. The referenced equipment is not a "minimum" capability, but is intended to provide a capability for meeting all operational requirements at [] (both present and future) which can be anticipated by the Communications Staff. Transmitter power has been established as [] which should assure reliable communications even under adverse propagation conditions. To ensure uninterrupted reception of signals, a back-up receiver has been included in the list of equipment. This extra receiver will not only function as a spare, if needed, but will permit the monitoring of two separate radio frequencies by the base station during those periods when the signal may be ambiguous. The equipment itself will be mounted in a console, providing maximum efficiency and convenience for the station operator.

4. It is requested that you approve the expenditure of [] for the procurement, installation and engineer services required to obtain single sideband capability at []

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STANLEY W. GERRILL
COLONEL, USAF
Assistant Director
(Special Activities)

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Funds in the amount of [] have been designated in FY-62 to meet the above costs contingent upon DD/R approval hereon.

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[]
Chief, Finance Branch, OSA

Recommendation in paragraph 4 APPROVED:

Signed Herbert Scoville, Jr.

HERBERT SCOVILLE, JR. 30 JUN 1962
Deputy Director
(Research)

Distribution:

- 1 - AD/OSA w/att.
- 2 - DDR w/o att.
- 3 - DDR w/att.
- 4 - OSA/COMMO w/att.
- 5 - OD/OSA w/o att.
- 6 - CD/OSA w/att.
- 7 - OSA/Fin w/att.
- 8 - OSA/COMMO Chrono w/o att.
- 9 - OSA/RI w/o att.

Attachment:

List of Equipment

OSA/COMMO [] (26 June 62)

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